

AMENDMENTS TO THE CLAIMS

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

1. (Currently Amended) ~~Display~~ A display and control device for medical equipment ~~comprising including~~ units connectable to an electric bus, ~~in particular for life support systems such as heart-lung machines or artificial respiration systems,~~ having the display and control device comprising:
 - at least one display/control unit ~~(6)~~ with including:
 - o a display device ~~(8)~~ having a plurality of activatable pixels,
 - o a display activation device ~~(9)~~ which activates the pixels of the display device on the basis of data supplied,
 - o a transparent input device ~~(11)~~ disposed on ~~the~~ a surface of the display device ~~(8)~~ facing that is to face an observer,
 - o an input evaluation device ~~(12)~~ which evaluates ~~the~~ inputs made via the input device, and
 - o ~~a connection means (13)~~ unit connector with which the display activation device ~~(9)~~ and the input evaluation device ~~(12)~~ are connected and by ~~means of~~ which the display/control unit ~~(6)~~ can be connected to an electric bus ~~(15)~~, and
 - a base unit ~~(7)~~ with including:
 - o an electric bus ~~(15)~~ for the communication of units connected ~~to said bus and thereto,~~
 - o a plurality of connector devices ~~(16)~~ at which the display/control ~~units (6)~~ unit can be connected to the electric bus ~~(15)~~ by means of via the ~~connection means (13)~~ unit connector, and
 - o a configuration ~~unit (18)~~ device which is connected with the electric bus ~~(15)~~ and which, after connection of a the display/control unit ~~(6)~~ to ~~said the~~ electric bus ~~(15)~~, transmits configuration data determining ~~the~~ display contents and input areas

of the display/control unit (6) ~~to said display/control unit (6)~~ via the electric bus (15).

2. (Currently Amended) ~~Display~~ The display and control device according to claim 1, ~~characterised in that wherein~~ for each of the connector devices (16) of the base unit (7), it is determined in the configuration device (18) which configuration data are transmitted to a display/control unit (6) connected to ~~the~~ a respective connector device (16).
3. (Currently Amended) ~~Display~~ The display and control device according to claim 1, ~~characterised in that wherein~~ in the configuration device (18), the configuration data transmitted to ~~the~~ connected display/control units (6) are determined depending on the sequence in which the display/control units are connected to the base unit (7).
4. (Currently Amended) ~~Display~~ The display and control device according to claim 1, ~~2 or 3,~~ ~~characterised in that wherein~~ several areas ~~for displaying to display~~ display contents and ~~for receiving to receive~~ inputs are logically defined in the display device (8) of the display/control unit (6).
5. (Currently Amended) ~~Display~~ The display and control device according to claim 4, ~~characterised in that wherein~~ several of the logical areas are combinable to form a connected area.
6. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to 5,~~ ~~characterised in that claim 1,~~ wherein the at least one display/control unit includes several display/control devices (6) that are constructed identically.
7. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to 6,~~ ~~characterised in that claim 1,~~ wherein the display/control units (6) are unit is fixed to the

base unit (7)-by way of the connection between the ~~connection means (13)~~ unit connector and the connector device (16).

8. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to 7,~~
~~characterised in that claim 7, wherein~~ the display/control ~~units (6) are~~ unit is fixed on the
base unit (7) ~~by means of~~ via additional fixing elements.
9. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to 8,~~
~~characterised in that claim 1, wherein~~ data for displaying digits, numbers and map pixels are
stored in the display activation device (9) of the display/control unit ~~(6)~~.
10. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to 9,~~
~~characterised in that claim 1, wherein~~ the display/control unit (6) and the configuration
device (18) are arranged such that data for the display contents can be transmitted to the
display/control unit (6) by the configuration device (18) and stored in ~~said~~ the
display/control unit (6).
11. (Currently Amended) ~~Display~~ The display and control device according to claim 10,
~~characterised in that wherein~~ the display/control unit (6) informs the configuration device
(18) of which data for display contents are stored in the display activation device (9).
12. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to~~
~~11, characterised in that claim 1, wherein the display/control unit includes a bus~~
communication device (14) ~~is provided,~~ via which the display activation device (9) and the
input evaluation device (12) are connected to the bus (15).
13. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to~~
~~13, characterised in that claim 1, wherein~~ no further control elements are provided.

14. (Currently Amended) ~~Display~~ The display and control device according to ~~one of claims 1 to 13, characterised in that~~ claim 1, wherein apart from an on/off switch, no further control elements are provided.
15. (Currently Amended) ~~Display~~ A display/control unit adapted for use in a display and control device according to ~~one of claims 1 to 14~~ claim 1.